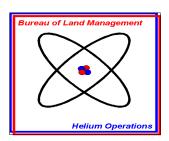
Bureau of Land Management



Amarillo Field Office Helium Operations

Statistical Report for June - 2001





Distribution:

Fluid Minerals Group Manager, Washington Office New Mexico State Director Associate State Director

Petroleum Engineer

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Division Chiefs (3)

Team Leaders

- -Federal Leased Lands
- -Gas Analysis
- -Resources Evaluation
- -Natural Gas Engineering

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Amarillo, Texas

Issued: August 27, 2001

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Approved for distribution: Nelson R. Bullard /s/ Date: 07/24/2001

Table 1 - Summary of Helium Operations

June - 2001

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges B	illed (\$)**
Total month	42,862	4,872	0	7,256	10,237	4,935	70,162	69,076		\$3,453,797
Total FYTD	121,015	5,556	0	22,598	20,819	18,297	188,286	185,371		\$9,238,947
Total CYTD	82,604	5,405	0	14,190	16,968	9,147	128,313	126,327		\$6,316,269
In Kind Transfers							Month	FYTD	CYTD	Cumulative
Transferred							45	167,628	116,373	649,620
Volume outstanding							69,157			

	[Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative	
	Helium-Gas Helium			Low Purity			w 50%	Contained			
Purchased Helium	Mixture	Percent	Helium	Н	Helium		Helium		Helium		
Total purchased										32,176,145	
Purchased helium produced / transferred			45					167,628	116,373	2,634,960	
Balance of purchased helium in storage										29,541,185	
Private Plant Activity											
Accepted in storage system	69,895	68.06%	47,573	630	8,617	(191)	(1,635)	480,155	308,933	6,386,741	
Redelivered from storage system	(278,624)	70.17%	(195,517)	0	0	0	168	(1,620,202)	(1,115,707)	(7,035,745)	
Total apparent crude produced/	162,207	70.47%	114,305					1,188,559	767,139	NA	
Total apparent crude refined^	(322,310)	70.79%	(228,177)					(2,002,791)	(1,360,483)	NA	

	[Metered Ga			Transfe	erred Gas	Stored	Charge	Charges Billed		
	Gross Gas	Helium		Helium			elium	Helium	Doll	ars**		
Storage Contract Activity	Mor	ıth	FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD		
Crude Acquired	69,314	47,382	478,520	307,664	23,764,504	41,844	23,638,974					
Crude Disposed	278,515	195,517	1,620,034	1,115,634	18,861,661	41,799	22,989,085					
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0					
Net/Balance	(209,201)	(148,135)	(1,141,514)	(807,970)	3,475,289	45	649,889	3,431,332	\$216,166	\$1,655,990		

Bush Dome Reservoir Operations	Month		Fiscal Year		Since St Conservation		Since Field Discovery	
Conservation gases from all sources	Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period	45,852,585	33,079,114	47,205,898	34,063,522	490,620	490,620	0	0
Net Activity	(184,422)	(137,934)	(1,537,735)	(1,122,342)	45,177,543	32,450,560	45,668,163	32,941,180
Total in underground storage	45,668,163	32,941,180	45,668,163	32,941,180	45,668,163	32,941,180	45,668,163	32,941,180
Native Gas								
Total in place, beg. of period	208,913,249		208,993,854		265,724,755		318,727,000	
Net Activity	(10,429)							
Total in place, end of month	208,902,820							
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	254,765,834		256,199,752		266,215,375		318,727,000	
Net Activity	(194,851)		(1,628,769)		(11,644,392)		(64,156,017)	
Total gases in place, end of month	254,570,983		254,570,983		254,570,983		254,570,983	

Helium Resources Evaluation Revenue Collected from Federal Lease Holds			Month \$715,047		FYTD \$3,003,988	
Helium Sample Collection Report	Submitted	18	Received	0	Analyzed	0
Customer Comment Cards Mailed			Month	0	FYTD	36

^{*} Volumes in Mcf at 14.7 psia & 70°F; all other volumes in 14.65 psia & 60°F

^{**}Rounded to nearest dollar

[^] Other sources of helium are accessed but data are not available

Table 5 - Pipeline & Cliffside Field Operations All Volumes in Mcf at 14.65 psia & $60^{\circ}F$

June - 2001

All volumes in Mic	1	2	3	4	5	6	7	8
					Since S	tart of	Sin	ce
	Mo	nth	Fiscal	Year	Conservatio		Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline			İ					
Beginning of period inventory (1)	39,069	27,348	17,409	12,186	0	0		
Measured to pipeline (2)	262,926	185,662	2,321,279	1,603,711	104,213,666	74,580,729		
Measured from pipeline (3)	278,624	195,518	2,356,508	1,620,211	38,526,368	27,618,400		
Measured into Bush Dome (4)	0	0	0	0	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	23,371	17,492	(17,820)	(4,314)	1,333,714	727,317		
End of period inventory	35,062	24,543	35,062	24,543	35,062	24,543		
Line gain or (loss)	11,691	7,051	52,882	28,857	(1,298,652)	(702,774)		
Percent gain (loss) of total measured	2.159%	1.850%	1.130%	0.895%	-0.627%	-0.473%		
Bush Dome Reservoir Operation	ons							
Conservation gases from all sources								
In underground storage, beg. of period	45,852,585	33,079,114	47,205,898	34,063,522	490,620	490,620	0	0
Injected during period to date	0	0	0	0	64,353,855	46,234,973	64,961,755	46,842,873
Withdrawn during period to date	184,422	137,934	1,537,735	1,122,342	19,222,461	13,830,562	19,339,741	13,947,842
Helium from Exell-Soncy	0	0	0	0	46,149	46,149	46,149	46,149
Total in underground storage	45,668,163	32,941,180	45,668,163	32,941,180	45,668,163	32,941,180	45,668,163	32,941,180
Native Gas								
Total in place, beg. of period	208,913,249		208,993,854		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,862,249		199,942,854		256,673,755		309,676,000	
Production during period to date	10,429		91,034		56,821,935		109,824,180	
Total in place, end of month	208,902,820		208,902,820		208,902,820		208,902,820	
Recoverable in place, end of month	199,851,820		199,851,820		199,851,820		199,851,820	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	254,765,834		256,199,752		266,215,375		318,727,000	
Total gases in place, end of month	254,570,983		254,570,983		254,570,983		254,570,983	
Change during period	(194,851)		(1,628,769)		(11,644,392)		(64,156,017)	
Ave. reservoir pressure, beg. of period	668.6		672.6		685.0		814.1	
Tuck Trigg Reservoir Operation	me		ł					
Native Gas	7115							
Total in place, beg. of period	5,210,336		5,231,108				5,890,000	
Recoverable in place, beg. of period	4,540,336		4,561,108				5,220,000	
Production during period to date	2,104		22,876				681,768	
Total in place, end of month	5,208,232		5,208,232				5,208,232	
Recoverable in place, end of month	4,538,232		4,538,232				4,538,232	
Ave. reservoir pressure, beg. of period	404.0		496.7				E49.0	
Ave. reservoir pressure, beg. or period	484.8	l [486.7				548.0	
Natural Gas Sales			Tota	als	Rever	ıue \$	Cumulative	
Compressor Operation			Month	FYTD	Month	FYTD	12/01/2000	
June - 2001 NGI Mainline Spot G	as Fuel Price	per/MMBTU	\$3.64					
Amount of Fuel used for the month		total MMBTU	3,058.52	16,243.80			16,243.80	
Natural Gas Purchased for Fuel		\$dollars			\$11,133.01	\$85,220.56	85,220.56	
Tuck Trigg Gas Produced		(Mcf)	0	0			0	
Fuqua A-1 Gas Produced		(Mcf)	3,792	20,102			20,102	
#1 Compressor		hours run	694	3,842			3,842	